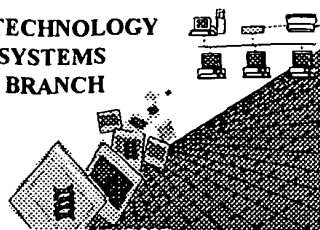


## **RAW SEQUENCE LISTING** **ERROR REPORT**

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



1631 10CP

#7  
Plunkett

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/671,773  
Source: OIPK  
Date Processed by STIC: 6/11/2002

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THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
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Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
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Revised 01/29/2002



OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/671,773

DATE: 06/11/2002  
TIME: 14:12:20

Input Set : A:\PTO.VSK.txt  
Output Set: N:\CRF3\06112002\I671773.raw

*ppp-2*  
**Does Not Comply  
Corrected Diskette Needed**

3 <110> APPLICANT: BAYER CORPORATION  
5 <120> TITLE OF INVENTION: Pituitary Adenylate Cyclase Activating Peptide (PACAP)  
Receptor 3  
6 (R3) Agonists and Their Pharmacological Methods of Use  
8 <130> FILE REFERENCE: Bayer  
*OK* 10 <140> CURRENT APPLICATION NUMBER: US/09/671,773  
*OK* 10 <141> CURRENT FILING DATE: 2002-05-31  
10 <150> PRIOR APPLICATION NUMBER: 09/407,832  
11 <151> PRIOR FILING DATE: 1999-09-28  
13 <150> PRIOR APPLICATION NUMBER: 09/595,280  
14 <151> PRIOR FILING DATE: 2000-06-15  
16 <160> NUMBER OF SEQ ID NOS: 343  
18 <170> SOFTWARE: PatentIn version 3.0

## ERRORED SEQUENCES

6041 <210> SEQ ID NO: 303  
6042 <211> LENGTH: 119 / 109 shown  
6043 <212> TYPE: DNA  
*OK* 6044 <213> ORGANISM: Artificial  
6046 <220> FEATURE:  
6047 <223> OTHER INFORMATION: synthetic construct  
6049 <220> FEATURE:  
*OK* 6050 <221> NAME/KEY: SYNTHETIC GENE  
6051 <222> LOCATION: (1)..(119) *insert a hard return after "400 303"*  
6053 <400> SEQUENCE: 303 aggtcgtcac tccgacgctg ttttcaccga caactacacg cgtctgcgta (60) 50  
E--> 6055 aacagatggc tgcaaagaaa tacctgaact ccatcaagaa cgtgcgttaa tgagaattc (119) 109  
6508 <210> SEQ ID NO: 329 <211> 120  
6509 <212> TYPE: DNA *insert a hard return*  
*OK* 6510 <213> ORGANISM: Artificial  
6512 <220> FEATURE:  
6513 <223> OTHER INFORMATION: synthetic construct  
6515 <220> FEATURE:  
*OK* 6516 <221> NAME/KEY: SYNTHETIC GENE  
6517 <222> LOCATION: (1)..(120)  
  
6519 <400> SEQUENCE: 329  
*OK* 6520 ggatccatcg aaggtcgtca ctccgacgct gttttcaccg acaactacac gcgtctgcgt 60  
6522 aaacagatgg ctgcaaagaa atacctgaac tccatcccga accgtatcta atgagaattc 120  
6759 <210> SEQ ID NO: 343  
6760 <211> LENGTH: 120  
6761 <212> TYPE: DNA  
*OK* 6762 <213> ORGANISM: Artificial *see p 2*

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/671,773

DATE: 06/11/2002

TIME: 14:12:21

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\06112002\I671773.raw

6764 <220> FEATURE:  
6765 <223> OTHER INFORMATION: synthetic construct  
6767 <220> FEATURE:  
W--> 6768 <221> NAME/KEY: SYNTHETIC GENE  
6769 <222> LOCATION: (1)..(120)  
6771 <400> SEQUENCE: 343  
6772 ggatccatcg aaggctcgta ctccgacgct gttttcaccg acaactacac gcgtctgcgt 60  
6774 aaacagatgg ctccaagaa atacctgaac tccatccgta accgtatcta atgagaattc 120  
E--> 6778 <sup>1</sup> delete

FYI Use of n and/or Xaa has been detected in the Sequence Listing.  
Review the Sequence Listing to insure a corresponding  
explanation is presented in the <220> to <223> fields of  
each sequence using n or Xaa.

## RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 06/11/2002

PATENT APPLICATION: US/09/671,773

TIME: 14:12:22

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\06112002\I671773.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27  
Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51  
Seq#:52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75  
Seq#:76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99  
Seq#:100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117  
Seq#:118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135  
Seq#:136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153  
Seq#:154,155,156,157,158,159,160,161,162,163,164,165,166,167,168,169,170,171  
Seq#:172,173,174,175,176,177,178,179,180,181,182,183,184,185,186,187,188,189  
Seq#:190,191,192,193,194,195,196,197,198,199,200,201,202,203,204,205,206,207  
Seq#:208,209,210,211,212,213,214,215,216,217,218,219,220,221,222,223,224,225  
Seq#:226,227,228,229,230,231,232,233,234,235,236,237,238,239,240,241,242,243  
Seq#:244,245,246,247,248,249,250,251,252,253,254,255,256,257,258,259,260,261  
Seq#:262,263,264,265,266,267,268,269,270,271,272,273,274,275,276,277,278,279  
Seq#:280,281,282,283,284,285,286,287,288,289,290,291,292,293,294,295,296,297  
Seq#:298,299,300,301,302,303,304,305,306,307,308,309,310,311,312,313,314,315  
Seq#:316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333  
Seq#:334,335,336,337,338,339,340,341,342,343

## VERIFICATION SUMMARY

DATE: 06/11/2002

PATENT APPLICATION: US/09/671,773

TIME: 14:12:22

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\06112002\I671773.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:23 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1  
L:45 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2  
L:70 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3  
L:92 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4  
L:117 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5  
L:145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:16  
L:151 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6  
L:179 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7  
L:201 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8  
L:221 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9  
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:16  
L:259 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10  
L:279 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11  
L:301 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12  
L:321 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13  
L:341 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14  
L:361 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15  
L:381 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16  
L:403 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17  
L:423 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18  
L:446 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19  
L:466 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20  
L:486 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:21  
L:506 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:22  
L:526 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:23  
L:546 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:24  
L:566 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25  
L:586 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:26  
L:606 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:27  
L:626 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:28  
L:646 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29  
L:666 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:30  
L:686 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31  
L:706 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32  
L:726 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33  
L:746 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34  
L:766 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:35  
L:786 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:36  
L:806 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:37  
L:826 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:38  
L:846 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:39  
L:866 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:40  
L:886 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:41  
L:906 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:42  
L:926 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:43

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/671,773

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Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\06112002\I671773.raw

L:946 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:44  
L:966 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:45  
L:986 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:46  
L:1006 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:47  
L:1026 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:48  
L:1046 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:49  
L:1066 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:50  
L:1152 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:54  
L:1172 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:55  
L:1190 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:56  
L:3359 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:164  
L:4576 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:222  
L:4596 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:223  
L:4614 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:224  
L:4634 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:225  
L:4652 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:226  
L:4672 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:227  
L:4692 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:228  
L:4710 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:229  
L:4728 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:230  
L:4746 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:231  
L:4764 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:232  
L:4782 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:233  
L:4800 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:234  
L:4818 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:235  
L:4836 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:236  
L:4854 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:237  
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L:4890 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:239  
L:4908 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:240  
L:4928 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:241  
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L:4964 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:243  
L:4984 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:244  
L:5004 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:245  
L:5022 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:246  
L:5040 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:247  
L:5060 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:248  
L:5078 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:249  
L:5096 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:250  
L:5114 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:251  
L:5132 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:252  
L:5150 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:253  
L:5168 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:254  
L:5186 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:255  
L:5204 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:256  
L:5222 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:257  
L:5240 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:258  
L:5258 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:259

## VERIFICATION SUMMARY

DATE: 06/11/2002

PATENT APPLICATION: US/09/671,773

TIME: 14:12:22

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\06112002\I671773.raw

L:5276 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:260  
L:5294 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:261  
L:5312 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:262  
L:5330 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:263  
L:5348 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:264  
L:5366 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:265  
L:5384 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:266  
L:5402 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:267  
L:6055 M:254 E: No. of Bases conflict, LENGTH:Input:119 Counted:59 SEQ:303  
L:6055 M:252 E: No. of Seq. differs, <211> LENGTH:Input:119 Found:59 SEQ:303  
L:6519 M:282 W: Numeric Field Identifier Missing, <211> is required.  
L:6522 M:252 E: No. of Seq. differs, <211> LENGTH:Input:0 Found:120 SEQ:329  
L:6778 M:254 E: No. of Bases conflict, this line has no nucleotides.